

NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



North Dakota
Agricultural
Statistics Service

Released: August 18, 2003
For Week Ending: August 17, 2003
ND-CW3303

Cooperating With:
NDSU EXTENSION SERVICE,
FARM SERVICE AGENCY,
ND AG WEATHER NETWORK (NDAWN) and
UND AEROSPACE REGIONAL WEATHER
INFORMATION CENTER

General: Above normal temperatures and virtually no precipitation last week enabled producers to make excellent progress harvesting small grains across the state, according to the North Dakota Agricultural Statistics Service. However, the hot, dry weather is stressing late season and oilseed crops and pastures in most areas of the state. A statewide average of 7.0 days were suitable for fieldwork.

Statewide average topsoil moisture supplies declined 23 points from the previous week in the adequate to surplus rating. Current topsoil moisture supply ratings were 26 percent very short, 48 short, 26 adequate and 0 surplus compared to 15 percent very short, 36 short, 45 adequate and 4 surplus last week.

Crops: With the dry conditions, small grain harvest is well ahead of the five-year average (1998-2002). As of August 17, 51 percent of the hard red spring wheat crop was harvested compared to 33 percent last year and the average of 42 percent. Durum wheat was 25 percent harvested compared to 9 percent last year and the average of 15 percent. Seventy percent of the barley acres have been harvested compared to 30 percent harvested last year and the average of 47 percent.

Hard red spring wheat crop conditions as of August 17 were rated 1 percent very poor, 7 poor, 22 fair, 48 good and 22 excellent compared to 8 percent very poor, 17 poor, 38 fair, 36 good and 1 excellent last year. Durum crop condition ratings were 1 percent very poor, 14 poor, 36 fair, 45 good and 4 excellent compared to 4 percent very poor, 13 poor, 48 fair, 35 good and 0 excellent last year. Barley crop condition ratings were 75 percent good to excellent compared to 40 percent good to excellent last year.

Hot weather last week pushed late season and oilseed crop development. Sixty-two percent of the corn acreage was in the dough and beyond stage, compared to 72 percent last year and the average of 70 percent. Seventy-eight percent of the canola was swathed and beyond compared to 63 percent last year and the average of 67 percent. Soybeans were 50 percent fully podded and beyond compared to 64 percent last year and the average of 63 percent. Thirty-one percent of the potato vines were killed and beyond compared to 7 percent last year and the average of 11 percent. Nine percent of the flaxseed crop was harvested compared to 6 percent last year and the average of 8 percent.

The heat and dry conditions have stressed the late season and oilseed crops. Corn crop conditions were rated 64 percent good to excellent compared to 71 percent good to excellent last week and 62 percent good to excellent last year. Soybeans were rated 66 percent good to excellent compared to 73 percent good to excellent last week and 55 percent good to excellent last year. Potatoes were rated 80 percent good to excellent compared to 69 percent good to excellent last year.

Livestock: Pasture condition ratings dropped 15 points in the good to excellent range from last week. Stockwater supplies were rated 7 percent very short, 31 short, 61 adequate and 1 surplus compared to 12 percent very short, 28 short, 59 adequate and 1 surplus last year. Second cutting alfalfa was 91 percent complete while other hay harvest was 95 percent complete. The hay crop was rated 40 percent good to excellent compared to 9 percent good to excellent last year.

Crop Development Progress ^{1/} August 17, 2003 with Comparisons

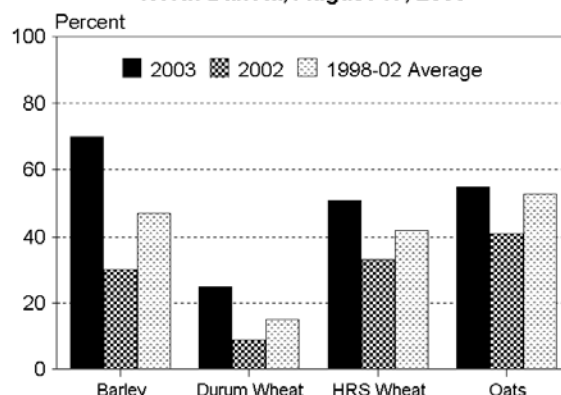
Crop	This Week	Last Week	Last Year	1998-02 Avg.
(Percent)				
BARLEY				
Combined	70	38	30	47
DURUM WHEAT				
Milk	97	87	99	97
Turning	86	55	78	77
Combined	25	9	9	15
HRS WHEAT				
Turning	97	88	94	92
Combined	51	21	33	42
OATS				
Turning	99	94	96	93
Combined	55	28	41	53
CANOLA				
Turning	95	87	89	90
Swathed	78	54	63	67
Combined	27	9	8	15
CORN				
Dough	62	25	72	70
Dented	10	1	7	21
Ripe	1	NA	0	0
CORN FOR SILAGE				
Chopped	1	NA	2	1
DRY EDIBLE BEANS				
Podding	91	80	91	95
Fully Podded	51	22	50	66
Lower Leaves Yellowing	21	9	14	33
Mature Leaves Dropping	9	NA	1	12
FLAXSEED				
Turning	90	73	77	75
Combined	9	2	6	8
POTATOES				
Vines Killed	31	8	7	11
Dug	0	NA	0	0
SOYBEANS				
Podding	95	83	99	98
Fully Podded	50	16	64	63
Lower Leaves Yellowing	4	1	8	9
Mature Leaves Dropping	1	NA	0	1
SUNFLOWER				
Blooming	94	75	94	91
Ray Flowers Dried/Dropped	14	1	11	11
Bracts Turned Yellow	1	NA	1	1

^{1/} Crop development percents represent all acreage in or beyond each stage. NA= Not Available

Crop and Pasture Condition Week Ending August 17, 2003

Crop	Very Poor	Poor	Fair	Good	Excellent
(Percent)					
Barley	1	5	19	51	24
Durum Wheat	1	14	36	45	4
HRS Wheat	1	7	22	48	22
Corn, All	3	9	24	54	10
Dry Edible Beans	0	4	23	59	14
Flaxseed	0	7	28	53	12
Potatoes	1	1	18	61	19
Soybeans	2	7	25	57	9
Sugarbeets	0	2	18	52	28
Sunflowers	1	7	28	53	11
Hay	7	15	38	33	7
Pasture and Range	11	28	39	21	1

Small Grains Combined North Dakota, August 17, 2003



~ Compiled and Published by ~

N.D. Agricultural Statistics Service, USDA • P.O. Box 3166 • 701-239-5306

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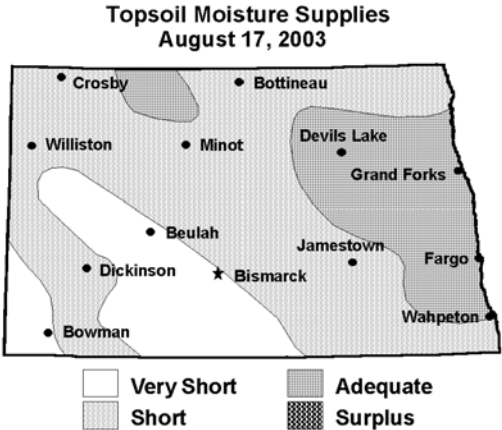
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NORTH DAKOTA CROP WEATHER REPORT, Week Ending August 17, 2003

Soil Moisture: North Dakota, August 17, 2003

Date	V. Short	Short	Adq.	Surplus
(Percent)				
TOPSOIL				
This Week	26	48	26	0
Last Week	15	36	45	4
Last Year	16	33	48	3
98-02 Avg	9	25	59	7
SUBSOIL				
This Week	21	42	37	0
Last Week	14	35	47	4
Last Year	17	32	49	2
98-02 Avg	8	22	63	7



Weather: This past week the state experienced the hottest week of the year. Temperatures soared well past 90 degrees with several stations reporting temperatures in excess of 100 degrees. Temperatures soared into the 90s in the Red River Valley with Grand Forks recording its first 90 degree day of the year. Along with the intense heat, an abundance of clear skies and dry air did not promote any precipitation over the region.

Outlook, August 18-24: A low pressure system that has spun up over the past weekend coupled with a cold front slowly sliding in from Canada will bring a threat of thunderstorms and rain showers from Monday until Wednesday across the state. While the heat will still be intense across the east for Monday with areas in the southeast flirting with 100 degree temperatures, out west temperatures will be much more seasonable. With the passage of the low pressure system, the entire state will enjoy cooler temperatures in the upper 70s and 80s for the rest of the week and by Thursday be left with partly cloudy skies through the weekend.

Temperature & Precipitation: Districts and Stations
North Dakota, Week ending August 17, 2003

District Averages	Average Temperature		Seasonal Precipitation Beginning March 29		
	Past Week	Depart Normal ^{1/}	Past Week	Total	Depart Normal ^{1/}
	(Degrees F)		(Inches)		
Northwest (1)	78	11	0.00	7.41	-2.42
N. Central (2)	76	9	0.00	7.24	-3.74
Northeast (3)	74	6	0.00	9.22	-1.34
W. Central (4)	82	12	0.00	8.70	-2.02
Central (5)	76	7	0.00	11.58	0.49
E. Central (6)	74	5	0.00	10.82	-0.62
Southwest (7)	82	12	0.00	7.02	-3.24
S. Central (8)	80	10	0.00	9.20	-0.88
Southeast (9)	77	7	0.00	13.46	2.13

^{1/} Normal is the 1961-90 average. NA = Not Available.
Weather data collected from NDAWN stations and compiled by UND
Aerospace Regional Weather Information Center.

Temperature & Precipitation: Districts and Stations
North Dakota, Week ending August 17, 2003

Stations by District	Temperature Past Week		Seasonal Precipitation Beginning March 29		
	High	Low	Past Week	Total	Depart Normal ^{1/}
	(Degrees F)		(Inches)		
(1) Bowbells	107	55	0.00	5.32	-4.44
Williston	103	64	0.00	7.59	-0.68
Mohall	97	54	0.00	9.07	-1.62
Minot	97	57	0.00	7.65	-2.95
(2) Baker	94	61	0.00	7.65	-4.75
Bottineau	97	53	0.00	6.39	-4.72
Towner	98	50	0.00	7.67	-1.76
(3) Cando	95	53	0.00	9.04	-1.12
Cavalier	96	55	0.00	9.29	-1.78
Forest River	93	55	0.00	9.01	-1.78
Grand Forks	92	54	0.00	10.50	0.22
Langdon	90	55	0.00	8.51	-1.73
St. Thomas	97	55	0.00	8.94	-1.85
(4) Hazen	105	60	0.00	8.50	-2.79
Turtle Lake	98	61	0.00	10.20	-0.90
Watford City	102	67	0.00	7.39	-2.36
(5) Carrington	94	52	0.00	10.93	-0.19
Harvey	97	54	0.00	13.17	2.08
Jamestown	95	57	0.00	13.35	2.49
Robinson	97	62	0.00	10.07	-0.76
Streeter	96	58	0.00	10.39	-1.16
(6) Dazey	92	54	0.00	9.75	-1.95
Fargo	94	59	0.00	10.85	-0.16
Hillsboro	91	54	0.00	11.87	0.26
(7) Beach	102	59	0.00	8.70	-0.57
Bowman	104	59	0.00	5.81	-4.56
Dickinson	104	61	0.00	7.25	-3.21
Hettinger	102	61	0.00	6.32	-4.64
(8) Mandan	101	58	0.00	8.35	-1.33
Linton	99	60	0.00	10.05	-0.42
(9) Edgeley	99	58	0.00	13.05	1.50
Oakes	93	61	0.00	14.22	3.39
Wyndmere	93	60	0.00	13.12	1.50

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